Title (en)

Method of joining an elastic band to a continuously moving partially elastic substrate

Title (de)

Verfahren zum Verbinden von einem elastischen Band mit einer kontinuierlich-transportierten, teilelastischen Unterlage

Title (fr)

Procédé pour relier une bande élastique avec un substrat partiellement élastique en mouvement continu

Publication

EP 0689816 B1 20000315 (EN)

Application

EP 95110104 A 19950628

Priority

US 26727294 A 19940628

Abstract (en)

[origin: US5669996A] A method is provided for joining an elastic band to a continuously moving, partially elastic substrate. The method includes temporarily inhibiting portions of the elastic band or, alternatively, elastically activating portions of a heat-elasticizable band, and then positioning the band on the substrate. The substrate includes elastic and non-elastic segments, and the band is positioned so that an elastic or elastically activated portion of the band is on an elastic segment of the substrate and the temporarily inhibited or non-activated heat-elasticizable portion of the band is on the non-elastic segment of the substrate. The band and substrate are then joined together, and the temporarily inhibited or non-activated heat-elasticizable portion is activated to gather the non-elastic segment.

IPC 1-7

A61F 13/15

IPC 8 full level

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CPC (source: EP US)

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US 5669996 A 19970923; AU 2328895 A 19960111; AU 681517 B2 19970828; BR 9502963 A 19960312; CA 2134595 A1 19951229; CA 2134595 C 20050125; CO 4410303 A1 19970109; DE 69515563 D1 20000420; DE 69515563 T2 20001123; EP 0689816 A2 19960103; EP 0689816 A3 19960501; EP 0689816 B1 20000315; ES 2142974 T3 20000501; FR 2721950 A1 19960105; FR 2721950 B1 19970221; GB 2290746 A 19960110; GB 2290746 B 19980218; GB 9513213 D0 19950830; HK 1014484 A1 19990930; JP 3729895 B2 20051221; JP H0880570 A 19960326; KR 100364484 B1 20030303; KR 960000180 A 19960125; PE 44896 A1 19961025; PT 689816 E 20000630; SV 1995000031 A 19960229; TW 270889 B 19960221; US 5500063 A 19960319; UY 23982 A1 19951206; ZA 955356 B 19960212

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